

Patent claims

1. An arrangement for fastening a first heat exchanger to a second heat exchanger, the first heat exchanger (11) being arranged parallel to the second heat exchanger (1) and having a heat exchanger block (12) and collecting tubes (13, 22), in particular with an integrated collector (14), arranged at both sides, and the second heat exchanger (1) having a tube/fin block (2) with collecting tanks (3, 4) made in particular from a material which can be cast or injection-molded, in particular plastic, fastened at both sides, **characterized** in that the first heat exchanger (11) is fastened by holding means (16, 17, 18, 21, 23, 25) which are formed in one piece with the collecting tanks (3, 4) of the second heat exchanger, are in particular integrally cast or integrally injection-molded onto the collecting tanks (3, 4) of the second heat exchanger (1).
2. The arrangement as claimed in claim 1, **characterized** in that the first heat exchanger (11) has four corner regions and the holding means (16, 17, 18, 21, 23, 25) are connected in a positive and/or non-positive manner to the corner regions, in particular to the collecting tubes (13, 22), or the collector (14).
3. The arrangement as claimed in claim 2, **characterized** in that the collecting tanks (3, 4) and the collecting tubes (13, 22), or the collector (14), are arranged perpendicularly and parallel to one another, and in that the upper holding means are formed as downwardly-pointing hooks (16, 25) which engage over the collecting tubes (13, 22), or the collector (14).

4. The arrangement as claimed in claim 2 or 3, **characterized** in that a first lower holding means is formed as a fin-shaped step (17) with a snap-action hook (18), in that the collecting tube (13), or the collector (14) rests on the step (17) and is secured by means of the snap-action hook (18).
5. The arrangement as claimed in claim 2, 3 or 4, **characterized** in that a second lower holding means is formed as a rigid hook (21) and as a snap-action hook (23), in that a block connection (20) is fastened to the collecting tube (22) at the end side, and in that the hook (21) and the snap-action hook (23) enclose and secure the block connection (20).
6. The arrangement as claimed in claim 5, **characterized** in that the block connection (20) has a depression (24) in which the snap-action hook (23) engages in a securing manner.
7. The arrangement as claimed in claim 4, **characterized** in that a rigid fin (19) for securing the snap-action hook (18) is arranged below the snap-action hook (18).
8. The arrangement as claimed in one of claims 1 to 7, **characterized** in that a clip-shaped fin (15) for fixing the first heat exchanger (11) in the horizontal direction is integrally injection-molded onto a collecting tank (4).
9. The arrangement as claimed in one of the preceding claims, **characterized** in that the first heat exchanger is embodied as a condenser (11) of a

motor vehicle air conditioning system, and the second heat exchanger is embodied as a coolant radiator (1) for an internal combustion engine of a motor vehicle.

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10. The arrangement as claimed in claim 9, **characterized** in that the condenser (11) and the coolant radiator (1) are components of a cooling module of a motor vehicle.

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11. The arrangement as claimed in claim 9 or 10, **characterized** in that the condenser (11) is fastened exclusively by the holding means (16, 17, 18, 23, 25) of the coolant radiator (1).